

VIGO COUNTY: Key Data Points

- The county observes significantly higher percentage of women smoking during pregnancy in contrast to the state as a whole (28.1% versus 18.5% respectively)
- Black women consuming alcohol during pregnancy is significantly higher in county than the state as a whole (5.3% versus 1.1% respectively)
- The percentage unmarried parents is also significantly higher within the county than the entire state (44.1% versus 37.1% respectively)
- Upon discharge, the percentage of black mothers breastfeeding is slightly higher than the state percentage for black mothers breastfeeding on discharge (44.7% versus 42.6% respectively)
- Vigo county witnessed 29 accidental deaths (13 of which were motor vehicle), 16 suicidal deaths and 2 homicides

Note: All figures relate to 2003 data from the Indiana State Department of Health, unless otherwise specified

Figure 1. Births

	Total		White		Black		Other	
	Number	Crude Rate*	Number	Crude Rate*	Number	Crude Rate*	Number	Crude Rate*
Vigo County	1,297	12.4	1,203	12.6	76	12.4	18	5.5(U)
INDIANA	86,382	13.9	75,422	13.7	9,288	17.5	1,672	10.6

* births per 1,000 population; U = unstable rate, based on fewer than 20 births

Figure 2. Mortality

		NUMBER				RATE*		
COUNTY OF RESIDENCE	REPORTED RACE/ETHNICITY	Live Births	Infant Deaths (< 1 yr)	Neonatal Deaths (< 28 days)	Post Neonatal Deaths (28-364 days)	Infant Deaths (< 1 yr)	Neonatal Deaths (< 28 days)	Post Neonatal Deaths (28-364 days)
Vigo	All Races	1,297	11	6	5	**	**	**
	White	1,203	7	2	5	**	**	**
	Black	76	4	4	0	**	**	0
	Other	18	0	0	0	0	0	0
	Hispanic	14	1	0	1	**	0	**
INDIANA	All Races	86,382	641	417	224	7.4	4.8	2.6
	White	75,422	479	309	170	6.4	4.1	2.3
	Black	9,288	148	98	50	15.9	10.6	5.4
	Other	1,672	14	10	4	**	**	**

	Hispanic	6,763	38	22	16	5.6	3.3	**
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*rate per 1,000 live births **Numerator is less than 20 and the rate is unstable

Figure 3. Outcome Indicators of Mother, by Race

	Total Births	Birth Weight				During Pregnancy		% Unmarried Parents
		% Low (< 2500 grams)	% Very Low (< 1500 grams)	% Preterm †	% PNC 1st Trimester ‡	% Alcohol	% Smoked	
VIGO COUNTY								
All Races	1,297	6.4	1.6	8.8	82.5	1.4	28.1	44.1(S)
White	1,203	6.2	1.3	8.3	83	1.2	28.3(S)	42.6(S)
Black	76	10.5	6.6	17.1	73.7	5.3(S)	32.9(S)	76.3

	Total Births	Birth Weight				During Pregnancy		% Unmarried Parents
		% Low (< 2500 grams)	% Very Low (< 1500 grams)	% Preterm †	% PNC 1st Trimester ‡	% Alcohol	% Smoked	
INDIANA								
All Races	86,382	7.9	1.4	9.9	80.6	0.6	18.5	37.1
White	75,422	7.2	1.2	9.5	82.1	0.6	19.1	32.6
Black	9,288	13.3	3.3	13.3	68.2	1.1	15.2	76.3

† Preterm: less than 37 weeks gestation

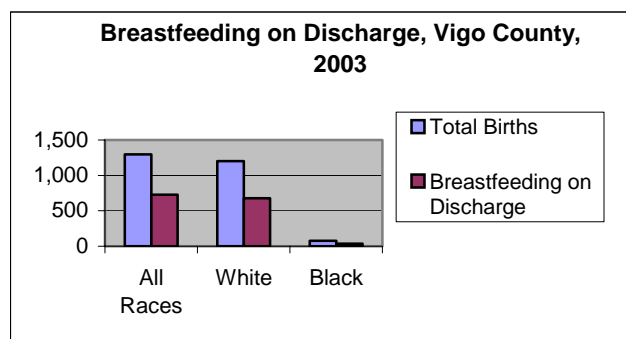
‡ PNC: Prenatal Care

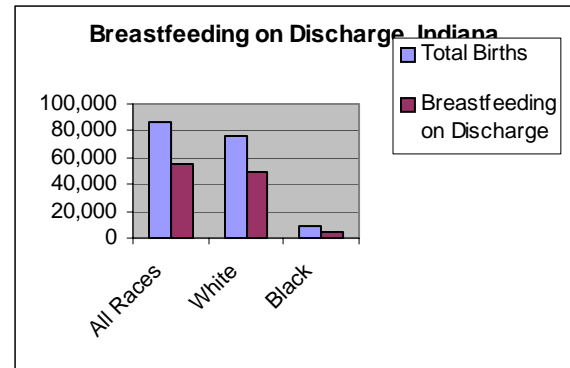
'S' Significantly different than the state percent

*** Outcomes for this county are suppressed due to 20 or fewer total births

Figure 4. Breastfeeding

VIGO COUNTY	All Races	White	Black
Total Births	1,297	1,203	76
Breastfeeding on Discharge	728	679	34
% Breastfeeding on Discharge	56.1	56.4	44.7





INDIANA	<i>All Races</i>	<i>White</i>	<i>Black</i>
Total Births	86,382	75,422	9,288
Breastfeeding on Discharge	54,636	49,385	3,959
% Breastfeeding on Discharge	63.2	65.5	42.6

Figure 5. HIV/AIDS

	Total # of AIDS cases reported since 1982*	Total # of HIV cases reported since 1985*
VIGO COUNTY	173	96
INDIANA	7,641	3,856

*numbers current through June 2005

Figure 6. Nutritional Risk Factors by Status,
Indiana WIC Clinics, Quarter Ending 09/30/2004

Local Agency: Charles T. Hyte Community Center							
Counties Included: Vigo, Sullivan							
Risk Factor or Status	Children 1-5 years of Age					Total	% within Agency
	White	Black	Hispanic	Asian	Other		
Overweight	51	5	2	0	0	58	4.6%
At Risk for becoming Overweight	50	5	0	0	4	59	4.6%
Local Agency: State Wide							
Counties Included: All							
Risk Factor or Status	Children 1-5 years of Age					Total	% within Agency
	White	Black	Hispanic	Asian	Other		
Overweight	1,732	445	800	12	97	3,086	4.8%
At Risk for becoming Overweight	2,023	485	639	11	124	3,282	5.1%

Priority Issues (Vigo & Indiana)			
Demographics: Percentage of population enrolled in Medicaid, Percentage of population enrolled in Food Stamps.		Vigo	Indiana
2	% of Population enrolled in Medicaid as of June 2003	15.8	12.4
3	% of Population in Food Stamps Program, 2004	11.2	8.6
Priority #1 (pregnancy outcomes): Average Infant Mortality Rate, Average Fetal death Rate		Vigo	Indiana
1	Av Total Infant Death Rate (1993-2002)	9.5	8.1
2	Average Fetal Death Rate (1994-2003)	6.3	6.7
Priority #2 (reduce barriers): Health Professional Shortage Areas, Percentage of women with prenatal care in first trimester		Vigo	Indiana
1	Scores for Primary Care Health Professional Shortage Areas (HPSAs) (2005)	21	NA
2	% PNC 1st Trimester†, 2003	82.5	80.6
Priority #4 (environmental): Prevalence of asthma, Childhood lead poisoning		Vigo	Indiana
1	Prevalence of Asthma in a Medicaid Cohort of Children age 0-17 years, 2003	10.7	10.4
2	%Estimated Lead Blood Levels (%EBLL) for Children under 6 years old FY 2004-2005	4.0	2.1
Priority #5 (tobacco): Percentage of mothers who smoked during pregnancy, Percentage of Adult Smoking		Vigo	Indiana
1	% of mothers Smoked During Pregnancy, 2003	28.1	18.5
2	% of Adult Smoking in 2003	29.1	29.3
Priority #7 (adolescent risk behaviors): Adolescent deaths due to motor vehicle accidents, Chlamydia rates (ages 15-24).		Vigo	Indiana
1	Number of Adolescent (15-24) deaths due to Motor vehicle accidents (2001-2003)	8	748
2	Chlamydia rates per 100,000 county specific population (15-24yrs of Age)	1244.8	1541.49
Priority #8 (obesity): Obesity in pregnant women		Vigo	Indiana
1	Number of Obese Pregnant Women In Indiana, 2003	19	2,496
Priority #9 (domestic violence, childhood injury): Child deaths due to Injury, Child abuse and neglect rates		Vigo	Indiana
1	Child deaths due to Injury 1-14yrs (2001-2003)	3	257
2	Child Abuse and Neglect per 1,000 Population under age 18, 2004	14.6	13.5
Priority #10 (To improve racial and ethnic disparities in women of childbearing age, mothers, and children's health outcomes): Percentage of Hispanic Population of any Race, LBW Disparity Ratio		Vigo	Indiana
1	% of Hispanic Population of any Race, July,1,2004	1.2	4.3
2	Low Birth Weight Disparity Ratio (B/W) (1993-2002)	1.55	1.92

Source: Data Analysis Team, ISDH. **Notes:** 1. NS= Not Stable 2. NA = Not Available 3. Infant Mortality rate and Fetal Death rate is for 1000 live births. 4. Low Birth Weight: Birth Weight Less than 2,500grams. 5. HPSA Score ranges 1 – 25. The higher the score, the higher the need. 6. EBLL: Ten (10) micrograms of lead per deciliter of whole blood for one venous test; %EBLL is based on screening rate of 27% Statewide, unduplicated kids 7. Obesity in Pregnant Women determined by "Concurrent Illness Obesity" checkbox on the birth certificate 8. PNC percentages are calculated using total births in each county.

Note: The following priorities have been identified for Vigo County:

- **Priority # 1:** To decrease high-risk pregnancies, fetal death, low birth weight, infant mortality racial and ethnic disparities in pregnancy outcomes.
- **Priority # 2:** To reduce barriers to access to health care, mental health care and dental care for pregnant women, infants, children, children with special health care needs, adolescents, women and families.
- **Priority # 4:** To reduce morbidity and mortality rates from environmentally related health conditions including asthma, lead poisoning and birth defects.
- **Priority # 10:** To improve racial and ethnic disparities in women of childbearing age, mothers, and children's health outcomes.